

RF EVALUATION TEST REPORT

Applicant..... :Guangzhou Driven Technology Co., Ltd
Address..... :Room 510, Bldg.A No.19 Lianhe Street, Nanxiang 3rd Road, Huangpu district,
Guangzhou, Guangdong Province, China
Manufacturer..... :Guangzhou Driven Technology Co., Ltd
Address..... :Room 510, Bldg.A No.19 Lianhe Street, Nanxiang 3rd Road, Huangpu district,
Guangzhou, Guangdong Province, China
Factory..... :Guangzhou Driven Technology Co., Ltd
Address..... :Room 510, Bldg.A No.19 Lianhe Street, Nanxiang 3rd Road, Huangpu district,
Guangzhou, Guangdong Province, China
Product Name..... :11.5-inch Smart Control & Infotainment System
Brand Name..... :DrivenSmart
Model No. :RVCS-CS-X115
FCC ID..... :2BSZHRVCS-CS-X115
Measurement Standard..... :47 CFR PART 2, Section 2.1091
Receipt Date of Samples..... :August 20, 2025
Date of Tested..... :August 20, 2025 to January 14, 2026
Date of Report..... :January 28, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.



Prepared by

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Revision History

[illegible]

1. General Description of EUT

Product Information	
Product Name:	11.5-inch Smart Control & Infotainment System
Main Model Name:	RVCS-CS-X115
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	2510-6899
Brand Name:	DrivenSmart
Hardware Version:	L837/L838_7708_VER_N_240802_FR4(MAIN)
Software Version:	MCU Version 2025.06.2414:05:53(MAIN)
Rating:	DC 12V
Typical Arrangement:	Table-top
I/O Port:	Refer to the user manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional Information	
Note:	N/A
Remark:	1. All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual. 2. The EUT incorporates an LTE module. FCC ID: ZMOSC138NA

Technical Specification (Bluetooth)	
Bluetooth Version:	V5.0
Frequency Range:	2402-2480MHz
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8DPSK for BDR/EDR GFSK for BLE
Number of Channel:	79 for BDR/EDR 40 for BLE
Channel Space:	1MHz for BDR/EDR 2MHz for BLE
Antenna Type:	Rod Antenna
Number of Antenna	1
Antenna Gain:	2.35 dBi (Declared by the manufacturer)
Receiver Category:	Category 1

2. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2027 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by Industry Canada, June 08, 2017 The Certificate Registration Number. Is 46405-9743A
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, People's Republic of China

3. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 1, 1.1307

47 CFR Part 2, 2.1091

KDB 447498 D04 v01

4. Maximum Permissible Exposure Limit

According to 47 CFR Part 1, 1.1307, for single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if: 47 CFR Part 1, 1.1307

(A) The available maximum time- averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

(B) Or the available maximum time- averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where,

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

And,

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the minimum separation distance (cm) in any direction from any part of the device antenna(s) or radiating structure(s) to the body of the device user.

For multiple RF sources: Multiple RF sources are exempt if:

(A) The available maximum time- averaged power of each source is no more than 1 mW and there is a separation distance of two centimeters between any portion of a radiating structure operating and the nearest portion of any other radiating structure in the same device, except if the sum of multiple sources is less than 1 mW during the time-averaging period, in which case they may be treated as a single source (separation is not required). This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(i)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(i)(A).

(B) in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation.

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Where,

a = number of fixed, mobile, or portable RF sources claiming exemption using paragraph (b)(3)(i)(B) of this section for P_{th} , including existing exempt transmitters and those being added.

b = number of fixed, mobile, or portable RF sources claiming exemption using paragraph (b)(3)(i)(C) of this section for Threshold ERP, including existing exempt transmitters and those being added.

c = number of existing fixed, mobile, or portable RF sources with known evaluation for the specified minimum distance including existing evaluated transmitters.

P_i = the available maximum time-averaged power or the ERP, whichever is greater, for fixed, mobile, or portable RF source i at a distance between 0.5 cm and 40 cm (inclusive).

$P_{th,i}$ = the exemption threshold power (P_{th}) according to paragraph (b)(3)(i)(B) of this section for fixed, mobile, or portable RF source i .

ERP_j = the ERP of fixed, mobile, or portable RF source j .

$ERP_{th,j}$ = exemption threshold ERP for fixed, mobile, or portable RF source j , at a distance of at least $\lambda/2\pi$ according to the applicable formula of paragraph (b)(3)(i)(C) of this section.

Evaluated_k= the maximum reported SAR or MPE of fixed, mobile, or portable RF source k either in the device or at the transmitter site from an existing evaluation at the location of exposure.

Exposure Limit_k= either the general population/uncontrolled maximum permissible exposure (MPE) or specific absorption rate (SAR) limit for each fixed, mobile, or portable RF source k, as applicable from §1.1310 of this chapter.

5. RF Exposure Evaluation Results

For module 2: FCC ID: 2BSZHRVCS-CS-X115

Channel	Channel Frequency (MHz)	Max Output power (dBm)	Tolerance	Max Tune-UP power (mW)	Power density at 20cm (mW/cm ²)	Power density Limits (mW/cm ²)
Bluetooth	2402	3.290	±0.5	2.3933	0.0008	1
BLE	2440	3.515	±0.5	2.5206	0.0009	1

For module 1: FCC ID: ZMOSC138NA

Channel	Channel Frequency (MHz)	Max Output power (dBm)	Tolerance	Max Tune-UP power (mW)	Power density at 20cm (mW/cm ²)	Power density Limits (mW/cm ²)
For BT						
High	2480	10.76	±0.5	13.3660	0.0046	1
For BLE						
High	2480	6.42	±0.5	4.9204	0.0017	1
For 2.4GHz WIFI						
High	2462	17.47	±0.5	62.6614	0.0214	1
For 5GHz UNII-1						
Middle	5200	19.76	±0.5	106.1696	0.0458	1
For 5GHz UNII-2A						
Middle	5300	19.57	±0.5	101.6249	0.0438	1
For 5GHz UNII-2C						
Middle	5580	19.43	±0.5	98.4011	0.0424	1
For 5GHz UNII-3						
High	5825	19.01	±0.5	89.3305	0.0385	1

Channel	Channel Frequency (MHz)	Max. Tune Up Power (dBm)	Antenna Gain (dBi)	Max. EIRP Tune Up Power (dBm)	Max EIRP Tune-UP power (mW)	Power density at 20cm (mW/cm ²)	Power density Limits (mW/cm ²)
For WCDMA							
WCDMA II	1852.4	24.5	1.37	25.87	386.3670	0.1054	1
WCDMA IV	1732.6	24.5	-0.45	24.05	254.0973	0.0456	1
WCDMA V	846.6	24.5	4.21	28.71	743.0191	0.3897	0.5644

Band	Channel Frequency (MHz)	Max. Tune Up Power (dBm)	Antenna Gain (dBi)	Max. EIRP Tune Up Power (dBm)	Max EIRP Tune-UP power (mW)	Power density at 20cm (mW/cm ²)	Power density Limits (mW/cm ²)
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For LTE							
Band 2	1855	24	2.65	26.65	462.3810	0.1693	1.0000
Band 4	1747.5	24	2.65	26.65	462.3810	0.1693	1.0000
Band 5	826.5	24	4.21	28.21	662.2165	0.3473	0.5510
Band 7	2567.5	24	0.12	24.12	258.2260	0.0528	1.0000
Band 12	713.5	24	2.58	26.58	454.9881	0.1640	0.4757
Band 13	784.5	24	3.00	27.00	501.1872	0.1989	0.5230
Band 14	795.5	24	3.00	27.00	501.1872	0.1989	0.5303
Band 17	713.5	24	2.58	26.58	454.9881	0.1640	0.4757
Band 25	1852.5	24	2.65	26.65	462.3810	0.1693	1.0000
Band 26 (Part 90)	821.5	24	3.94	27.94	622.3003	0.3067	0.5477
Band 26 (Part 22)	846.5	24	3.94	27.94	622.3003	0.3067	0.5643
Band 41	2680	24	0.12	24.12	258.2260	0.0528	1.0000
Band 48	3692.5	24	-1.44	22.56	180.3018	0.0257	1.0000
Band 66	1770	24	2.65	26.65	462.3810	0.1693	1.0000
Band 71	680.5	24	2.05	26.05	402.7170	0.1284	0.4537
Remark: 1. For conservativeness, the lowest frequency of each band is used to determine the MPE limit of that band. 2. Chose the maximum power to do MPE analysis.							

RF exposure evaluation for simultaneity transmitting condition:

Module 1 Maximum BT Power Density Ratio	Module 1 Maximum LTE Power Density Ratio	Module 1 Maximum 5G WLAN Density Ratio	Module 2 Maximum BT Power Density	Total Power Density Ratio	Power Density Ratio Limit
0.0046	0.1693	0.0458	0.0009	0.2206	1

Conclusion:

According to 47 CFR §1.1307 (b)(3)(i)(B), the RF exposure analysis concludes that the product is compliant with the FCC RF exposure requirements in mobile exposure condition.